



TEZPUR UNIVERSITY

(A Central University established by an Act of Parliament)

DEPARTMENT OF MOLECULAR BIOLOGY AND BIOTECHNOLOGY

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CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled "**Characterization and assessment of therapeutic potential of Indian cobra (*Naja naja*) venom anticoagulant phospholipase A₂ enzyme and a 7-mer peptide developed from this enzyme**" submitted to the School of Sciences, Tezpur University in requirement of partial fulfillment for the award of the degree of Doctor of Philosophy in Molecular Biology and Biotechnology is a record of research work carried out by **Ms. Sumita Dutta** under my supervision and guidance.

All help received by her from various sources have been duly acknowledged.

No part of this thesis has been submitted elsewhere for award of any other degree.

Date:

Place: Tezpur

(Ashis Kumar Mukherjee)